

Table C4.1. Number of Establishments by Offsite-Produced Fuel Consumption, 1998;
Level: National Data;
Row: NAICS Codes; Column: Energy Sources;
Unit: Establishment Counts.

| NAICS Code ^a | Subsector and Industry | Any Energy Source ^b | Electricity ^c | Residual Fuel Oil | Distillate Fuel Oil ^d | Natural Gas ^e | LPG and NGL ^f | Coal | Coke and Breeze | Other ^g | RSE Row Factors |
|-------------------------|---|--------------------------------|--------------------------|-------------------|----------------------------------|--------------------------|--------------------------|--------------|-----------------|--------------------|-----------------|
| Total United States | | | | | | | | | | | |
| RSE Column Factors: | | 0.2 | 0.2 | 1.9 | 1.8 | 0.9 | 1.4 | 1.7 | 2.2 | 1.7 | |
| 311 | Food | 16,553 | 16,525 | 178 | 2,107 | 13,536 | 3,586 | 105 | 19 | 2,589 | 1.7 |
| 312 | Beverage and Tobacco Products | 1,547 | 1,547 | 39 | 181 | 942 | 540 | 22 | 0 | 321 | 10.5 |
| 313 | Textile Mills | 2,935 | 2,935 | 224 | 570 | 1,862 | 952 | 51 | 0 | 295 | 6.5 |
| 314 | Textile Product Mills | 4,216 | 4,216 | 21 | 198 | 2,365 | 709 | 6 | 0 | 313 | 12.1 |
| 315 | Apparel | 12,566 | 12,537 | 101 | 843 | 5,802 | 543 | 13 | 0 | 235 | 12.3 |
| 316 | Leather and Allied Products | 995 | 995 | 4 | 112 | 593 | 339 | 0 | 0 | 52 | 13.0 |
| 321 | Wood Products | 11,663 | 11,663 | 48 | 4,280 | 4,213 | 4,916 | Q | 0 | 2,906 | 6.5 |
| 322 | Paper | 4,676 | 4,676 | 278 | 695 | 3,865 | 2,622 | 124 | 0 | 731 | 5.1 |
| 323 | Printing and Related Support | 25,706 | 25,684 | Q | 598 | 16,761 | 2,646 | W | 0 | 449 | 6.9 |
| 324 | Petroleum and Coal Products | 1,756 | 1,755 | 92 | 698 | 1,193 | 518 | W | 0 | 319 | 8.3 |
| 325 | Chemicals | 8,962 | 8,890 | 257 | 1,806 | 6,688 | 2,684 | 102 | W | 1,362 | 5.4 |
| 326 | Plastics and Rubber Products | 11,944 | 11,867 | 131 | 511 | 8,491 | 4,704 | 6 | 0 | 2,124 | 5.7 |
| 327 | Nonmetallic Mineral Products | 11,333 | 11,333 | 16 | 4,148 | 6,312 | 3,135 | 208 | 24 | 2,348 | 6.5 |
| 331 | Primary Metals | 3,830 | 3,830 | 41 | 1,116 | 3,472 | 1,866 | 41 | 255 | 1,302 | 6.1 |
| 332 | Fabricated Metal Products | 40,743 | 40,743 | 221 | 3,876 | 29,600 | 15,019 | 20 | W | 8,837 | 1.3 |
| 333 | Machinery | 19,577 | 19,568 | 166 | 1,387 | 14,490 | 7,429 | Q | 0 | 5,749 | 5.2 |
| 334 | Computer and Electronic Products | 9,925 | 9,925 | 33 | 800 | 6,388 | 1,328 | W | 0 | 790 | 6.9 |
| 335 | Electrical Equip., Appliances, Components | 4,526 | 4,526 | Q | 473 | 3,405 | 1,149 | W | 0 | 576 | 8.4 |
| 336 | Transportation Equipment | 8,380 | 8,380 | Q | 1,258 | 5,476 | 3,544 | 34 | 6 | 2,013 | 6.2 |
| 337 | Furniture and Related Products | 11,274 | 11,274 | Q | 856 | 6,394 | 3,257 | 60 | 0 | 1,067 | 8.6 |
| 339 | Miscellaneous | 13,630 | 13,630 | Q | 701 | 8,967 | 2,035 | W | 0 | 1,018 | 7.9 |
| | Total | 226,737 | 226,498 | 2,516 | 27,213 | 150,816 | 63,523 | 1,080 | 316 | 35,394 | 3.0 |

Footnotes

^a The Standard Industrial Classification (SIC) system has been replaced by the North American Industry Classification System (NAICS). Since the Bureau of the Census has collected the information necessary to classify establishments on both an NAICS and an SIC basis, the same 1998 data can be shown on both the old and the new basis in bridge tables that allow comparisons between the two systems. These data are hereby produced for the last time on an SIC basis for 1998 at the national level only.

^b "Any Energy Source" represents the non-duplicative total of establishments identified with any of the listed energy sources. This count includes only those establishments that reported this activity in 1998.

^c "Electricity" consists of quantities of electricity that were purchased or transferred in, and is equivalent to "purchased electricity" as defined in the "Annual Survey of Manufactures."

^d "Distillate Fuel Oil" includes Nos. 1, 2, and 4 fuel oils and Nos. 1, 2, and 4 diesel fuels.

^e "Natural Gas" includes natural gas obtained from utilities, local distribution companies, and any other supplier(s), such as independent gas producers, gas brokers, marketers, and any marketing subsidiaries of utilities.

^f Examples of Liquefied Petroleum Gases "(LPG)" are ethane, ethylene, propane, propylene, normal butane, butylene, ethane-propane mixtures, propane-butane mixtures, and isobutane produced at refineries or natural gas processing plants, including plants that fractionate raw Natural Gas Liquids "(NGL)."

^g "Other" includes all other energy that was purchased or transferred in and not shown elsewhere.

NF=No applicable RSE row/column factor.

* Estimate less than 0.5.

W=Withheld to avoid disclosing data for individual establishments.

Q=Withheld because Relative Standard Error is greater than 50 percent.

NA=Not available.

Notes: C To obtain the RSE percentage for any table cell, multiply the cell's corresponding RSE column and RSE row factors. C Totals may not equal sum of components because of independent rounding. C The derived estimates presented in this table represent the consumption of energy originally produced offsite, acquired as a result of a purchase or transfer and consumed onsite for the production of heat and power. This definition is consistent with the definition of "purchased" fuels and electric energy used by the Bureau of the Census in the preparation of "Fuels and Electric Energy Consumed," of the "Annual Survey of Manufactures," for 1974 through 1981.

Source: Energy Information Administration, Office of Energy Markets and End Use, Energy Consumption Division, Form EIA-846, "1998 Manufacturing Energy Consumption Survey," and Office of Oil and Gas, Petroleum Supply Division, Form EIA-810, "Monthly Refinery Report" for 1998.